

COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

As a below named inventor(s), I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention which

☒ is attached hereto.
☐ was filed on _____ as Application No. _____
☐ and was amended on _____ (if applicable)
☐ with amendments through _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | | | Claiming Priority? | |
|------------------------------|-----------|------------------------|--------------------------|--------------------------|
| | | | <input type="checkbox"/> | <input type="checkbox"/> |
| (Number) | (Country) | (Day/Month/Year Filed) | Yes | No |
| _____ | _____ | _____ | | |

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) of any United States provisional application listed below:

Provisional Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, Sec. 120 or §365(c) of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which

occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.) (Filing Date) (Status) (patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute the application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 20575

| <u>Attorney Name</u> | <u>Registration No.</u> |
|---------------------------|-------------------------|
| Jerome S. Marger | 26,480 |
| Alexander C. Johnson, Jr. | 29,396 |
| Alan T. McCollom | 28,881 |
| James G. Stewart | 32,496 |
| Glenn C. Brown | 34,555 |
| Stephen S. Ford | 35,139 |
| Julie L. Reed | 35,349 |
| Gregory T. Kavounas | 37,862 |
| Scott A. Schaffer | 38,610 |
| Joseph S. Makuch | 39,286 |
| James E. Harris | 40,013 |
| Graciela G. Cowger | 42,444 |
| Ariel Rogson | 43,054 |
| Craig R. Rogers | 43,888 |

Direct all telephone calls to Julie L. Reed at (503) 222-3613 and send all correspondence to:

MARGER JOHNSON & MCCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Robert A. Jacobs

Inventor's signature: Robert A. Jacobs

June 1, 2000
(Date)

Residence: Portland, Oregon
Citizenship: USA
Post Office address: 2515 N.E. 40th Ave., Portland, OR 97212

COPY

METHOD AND APPARATUS FOR PREDICTIVE FLASH MEMORY ERASE AND WRITE TIMES



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 08, 2000

PTAS

MARGER JOHNSON & MCCOLLOM, P.C.
JULIE L. REED
1030 S.W. MORRISON STREET
PORTLAND, OREGON 97205



101382873A

**COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD**

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/06/2000

REEL/FRAME: 010850/0778
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

JACOBS, ROBERT A.

DOC DATE: 06/01/2000

ASSIGNEE:

INTEL CORPORATION (A DE.
CORP.)
2200 MISSION COLLEGE BLVD.
P.O. BOX 58119
SANTA CLARA, CALIFORNIA 95052-8119

SERIAL NUMBER: 09588864

FILING DATE: 06/06/2000

PATENT NUMBER:

ISSUE DATE:

PEARLENE FOSTER, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

**COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD**

06-16-2000



101382873

PATENTS ONLY
Attorney Docket No. 5038-48
Client Ref. No. P8749

MAJ
06-16-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Robert A. Jacobs

Serial No.: (filed herewith)

Filed: (filed herewith)

For: METHOD AND APPARATUS FOR PREDICTIVE FLASH MEMORY
ERASE AND WRITE TIMES

Box Patent Application
Commissioner of Patents
and Trademarks
Washington, DC 20231

10028 U.S. PTO
09/588864
06/06/00

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest: Robert A. Jacobs
2. Name and address of party receiving an interest: Intel Corporation (a Delaware Corporation)
2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, CA 95052-8119

3. Description of the interest conveyed:

09/588864

☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Other:

Date of execution of attached document: June 1, 2000

4. Application number(s) or patent number(s). Additional sheet attached? Yes ☐ No ☒

If this document is being filed together with a new application, the execution date of the application is:

June 1, 2000

A. Patent Application No.

B. Patent No.

COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD

65/14/2000 ASSEMBLY 00000021 07/2000
02 FC:531

5. Name and address of party to whom correspondence concerning document should be mailed:

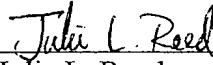
Julie L. Reed, Esq.
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

6. Number of applications and patents involved: one
7. Enclosed is our check for \$40.00
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: June 6, 2000

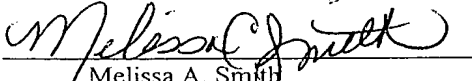
Respectfully submitted,

MARGER JOHNSON
& McCOLLOM, P.C.


Julie L. Reed
Registration No. 35,349

Total number of pages comprising
cover sheet and attached assignment: 3

I hereby certify that this correspondence is being
deposited with the United States Postal Service
addressed to: Box Patent Application, Assistant
Commissioner for Patents, Washington DC 20231,
Express Mail No. EL 432977734 US on June 6, 2000.

Signature 
Melissa A. Smith

**COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD**

ASSIGNMENT

Assignor: Robert A. Jacobs
Address: 2515 N.E. 40th Ave., Portland, OR 97212
Assignee: Intel Corporation (a Delaware corporation)
Address: 2200 Mission College Blvd.
P.O. Box 58119
Santa Clara, CA 95052-8119

Title of Invention: **METHOD AND APPARATUS FOR PREDICTIVE FLASH
MEMORY ERASE AND WRITE TIMES**

U.S. Patent Application:

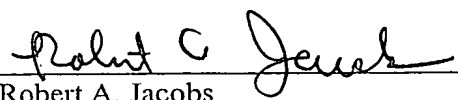
Application Serial No.: not yet known
Filing Date: herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Hillsboro, Oregon, this 1st day of June, 2000.

COPY OF ORIGINAL
ASSIGNMENT
DO NOT RECORD


Robert A. Jacobs
Assignor